

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
8 July 2004 (08.07.2004)

PCT

(10) International Publication Number
WO 2004/057841 A2

(51) International Patent Classification⁷: H04M 1/02

(21) International Application Number:
PCT/DK2003/000881

(22) International Filing Date:
15 December 2003 (15.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/323,822 20 December 2002 (20.12.2002) US

(71) Applicant (*for all designated States except US*): NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): PONTOPPI-DAN, Morten [DK/DK]; Engrojel 45, DK-2670 Greve

(DK). FERRANTI, Giovanni [GB/DK]; Hvalsøvej 18, DK-2700 Brønshøj (DK). BARRETT, Ricky [GB/GB]; 17 Kendals Close, Radlett, Hertfordshire WD7 8NQ (GB).

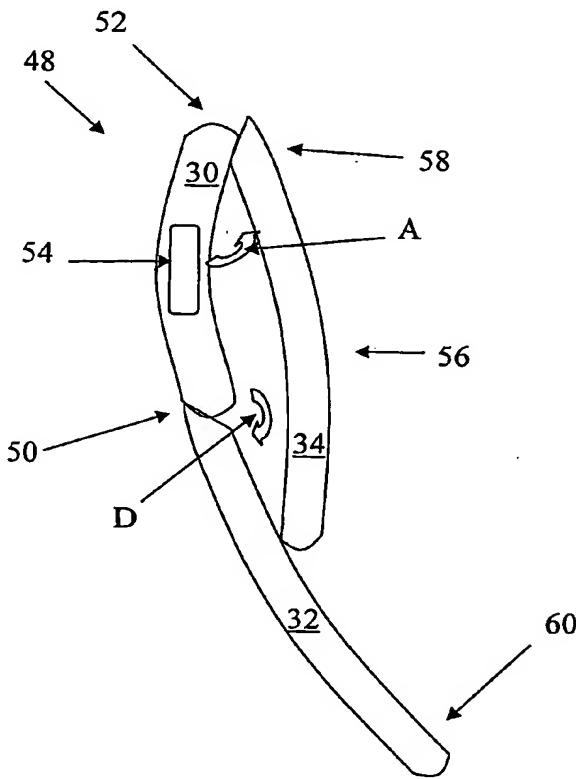
(74) Agent: INSPICOS A/S; Bøge Allé 3, P.O. Box 45, DK-2970 Hørsholm (DK).

(81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW).

[Continued on next page]

(54) Title: A MOBILE TERMINAL AND A METHOD OF OPERATING IT



(57) Abstract: A mobile terminal having three parts rotatably interconnected by hinges. The terminal can be a mobile telephone having an operative position where a microphone and a loudspeaker are positioned for conversation. When not in operation, the terminal may be positioned around a user's wrist in a safe manner. Removing the terminal from the wrist requires operation of a release means or the overcoming of a predetermined force, which is a safety measure of the hinges and the terminal. The hinges provide a combination of snap or automatic rotation and freely selective rotational positions of the parts of the terminal.

WO 2004/057841 A2